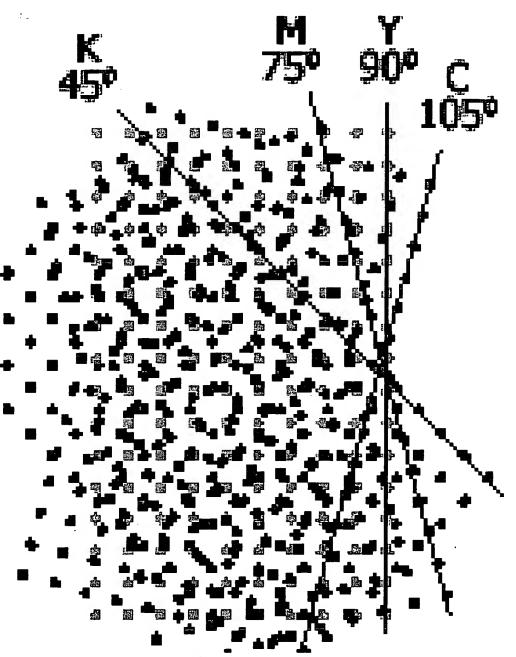
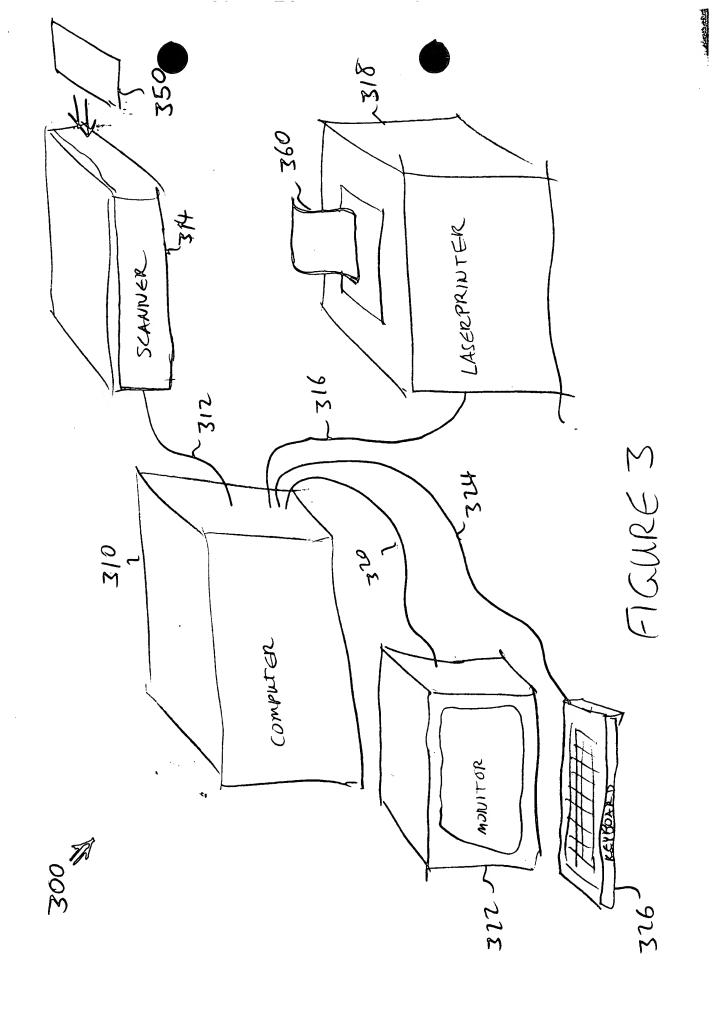


FIGURE 1



Traditional Screen Angles



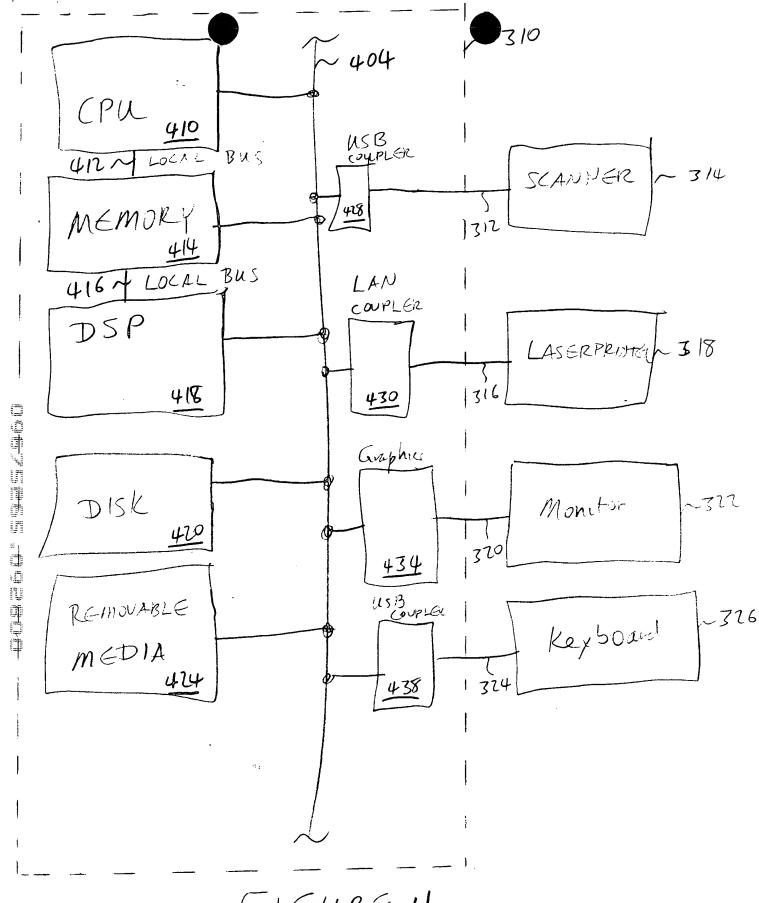
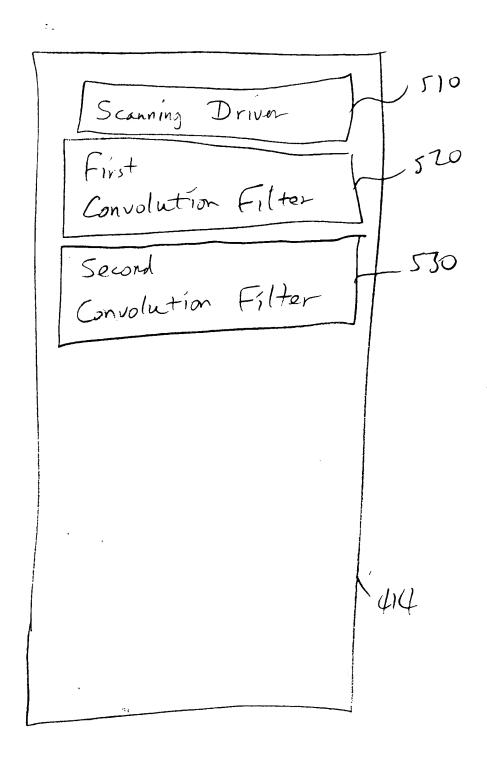


FIGURE 4



Flaure 5

22-141 50 SHEETS 22-142 100 SHEETS 22-144 200 SHEETS

(DAGMA)

009~				610 ~ 612 614 616 j+1	<u>6 618 610 611</u>	1-[ 624 626 627 ]-1	2-1 2 2+1		
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						1			
				~02 <sup>9</sup>					
				9					
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: .

FIGURE 6

22-141 50 SHEETS 22-142 100 SHEETS 22-144 200 SHEETS (Tandway)

0/0/			
7	0	۵	1
	0	2	Q
	1	0	0

$$C_{-1,1} = C_{1,-1} = 1$$
  
 $C_{0,0} = 2$ 

$$C_{1,1} = C_{1,-1} - 1$$
 b.  
 $C_{0,0} = 2$   
All other  $C_{KR} = 0$ 

$$b_{ij} = \sum_{k=-1}^{1} \sum_{k=-1}^{2} a_{(i+k)(j+k)} c_{kk} =$$

$$=a_{(i-1)(j+1)} + a_{(i+1)(j-1)} + 2a_{ij}$$

# FIGURE 74

000

$$C_{-1,-1} = C_{1,1} = 1$$
  
 $C_{0,0} = 2$   
All other  $C_{kl} = 0$ 

# FIGURE 7B

# IMAGE SCANNED USING THE ASTRA 2400S

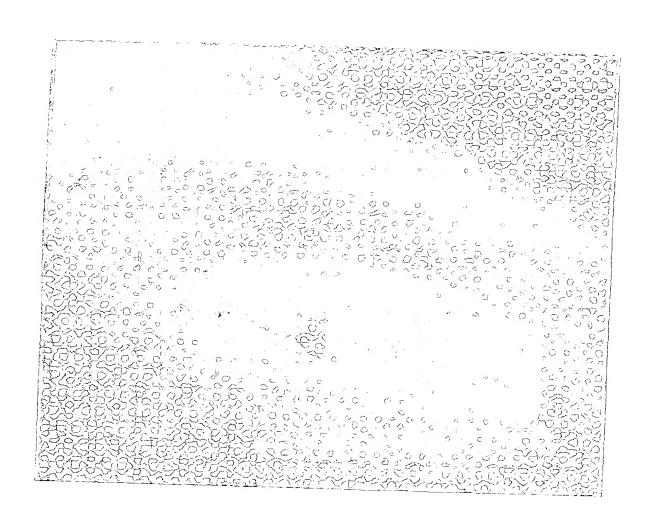


FIGURE 8





# OUTPUT OF FIRST CONVOLUTION FILTER

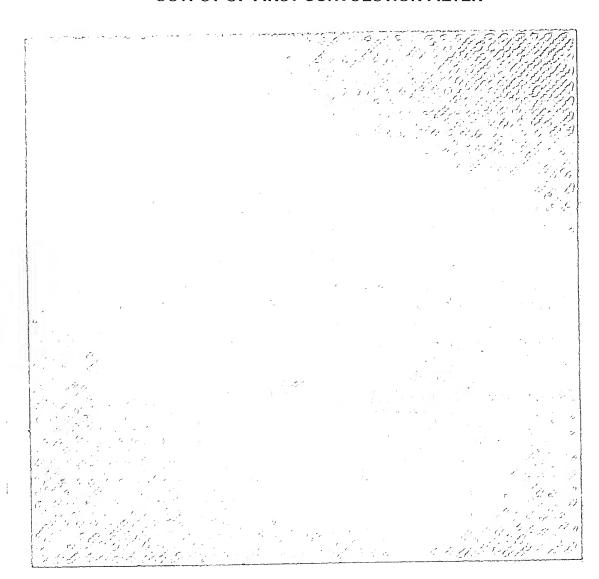


Figure 9

## **OUTPUT OF SECOND CONVOLUTION FILTER**

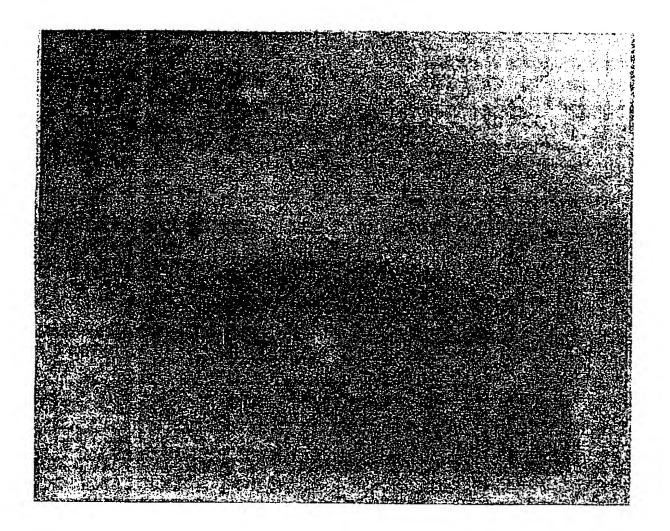


FIGURE 10

## SCREEN CONVERSION FILTER FREQUENCY RESPONSE

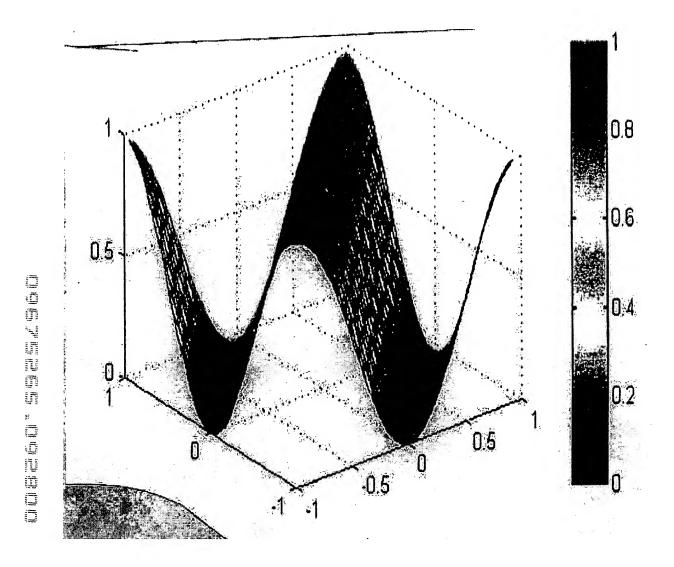


FIGURE 11

FIGURE 12

## DESCRIPTION FILTER FREQUENCY RESPONSE

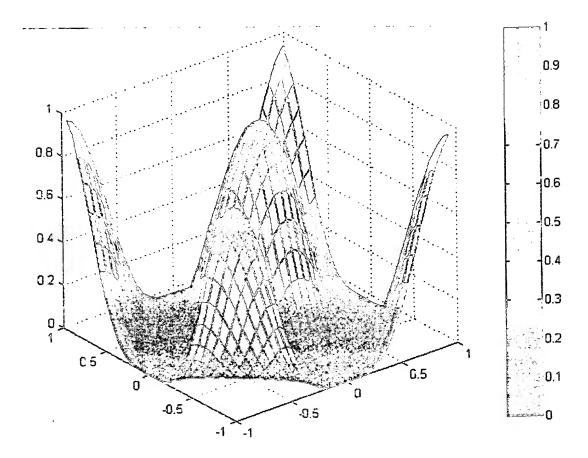


FIGURE 13